

THOMPSON NO. 571-BT,
(BLUNT TIPPED)
NICKEL TIPPED COPPER, 5/8"x24"
(OR APPROVED EQUAL)

TS 2x2x5/16 WITH 1/4" CAP
PLATES. PAINT WITH RUST
INHIBITING PAINT

TOP OF AIR TERMINAL - 12" ABOVE HIGHEST ANTENNA

THOMPSON NO. 690
VERTICAL POINT BASE
(OR APPROVED EQUAL)
WELD ALL AROUND

2" STAINLESS
STEEL TUBE

DOWN CONDUCTOR
NOTE 2

PARALLEL CLAMP

ROOF CONDUCTOR

THOMPSON NO. 639
BONDING PLATE (OR
APPROVED EQUAL)

1
E700
AIR TERMINAL MOUNTING DETAIL
NOT TO SCALE

NOTES:

1. SEE E000 FOR ELECTRICAL LEGEND AND GENERAL NOTES.
2. DOWN CONDUCTORS SHALL NOT BE BENT AT AN ANGLE SMALLER THAN 90 DEGREES OR WITH A RADIUS OF LESS THAN 8". (TYP.). DOWN CONDUCTORS AND SIGNAL CONDUCTORS SHALL MAINTAIN MINIMUM 6'-0" CLEARANCE FROM POWER.
3. SUPPORT DOWN CONDUCTOR 3'-0" O.C., USING BRONZE/METALLIC FASTENERS.

1" PVC CONDUIT WITH
THOMPSON NO. 506
DOWN CONDUCTOR
(OR APPROVED EQUAL)



SEE DETAIL 2/ E663

1" PVC CONDUIT WITH
THOMPSON NO. 506
DOWN CONDUCTOR
(OR APPROVED EQUAL)
NOTE 2

EXOTHERMIC WELD

THOMPSON NO. 506
DOWN CONDUCTOR
(OR APPROVED EQUAL)

2
E700
LIGHTNING DOWN CONDUCTOR DETAIL
NOT TO SCALE

SCALES SHOWN FOR 22" X 34" SHEET. ADJUST SCALES FOR OTHER SIZES.		PAGE		OF 63	
					
					
7000 CENTRAL PARKWAY, SUITE 1475 ATLANTA, GEORGIA 30328 HEI JOB NUMBER: 09033.00					
DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION					
ATHENS AIRPORT TRAFFIC CONTROL TOWER ATCT - MAJOR SUSTAIN AND SEISMIC MITIGATION ELECTRICAL CAB ROOF DETAILS					
(ATHENS MUNICIPAL AIRPORT) GA					
ATHENS		SUBMITTED BY		APPROVED BY	
REVIEWED BY		VIRGIL HOOPER, PE.		MARK BEEKMAN	
DESIGNED		ANL		DATE 03/31/2010	
DRAWN		ANL		JCN 804669	
CHECKED		T.J.H.		DRAWING NO. AHN-D-ATCT-E700	
		ISSUED BY		REV	
		ATLANTA TERMINAL ENGINEERING CENTER			